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(54) Title: A MICROORGANISM PRODUCING 5'-XANTHYLIC ACID

(57) Abstract: The invention relates to a microorganism, obtained by treating *Corynebacterium ammoniagenes* KCCM 10488 producing 5'-Xanthylic acid as parent strain with UV radiation and mutation Derivatives such as N-methyl-N'-nitro-N-nitrosoguanidine (NTG), Having a resistance to 5-fluorotryptophan which enhances Biosynthesis of N5-N10- tetrahydrofolate used for transferring Two formyl group during the process of purifying biosynthesis, making It possible to accumulate 5'xanthylic acid in culture medium at a high Yield and high concentration rate same period of fermentation.

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